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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/806,833	03/22/2004	Raymond Giannelli	C016/7080US5	4229
21127 7590 04/15/2010 RISSMAN HENDRICKS & OLIVERIO, LLP 100 Cambridge Street Suite 2101 BOSTON, MA 02114				
EXAMINER NGUYEN, TAM M				
ART UNIT		PAPER NUMBER		
3764				
NOTIFICATION DATE		DELIVERY MODE		
04/15/2010		ELECTRONIC		

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

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Office Action Summary

Application No.

10/806,833

Applicant(s)

GIANNELLI ET AL.

Examiner

TAM NGUYEN

Art Unit

3764

Period for Reply -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 12/17/09.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 10-21, 23 and 36 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 10-21, 23 and 36 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-8508)
- Paper No(s)/Mail Date 2/25/10
- 4) ☐ Interview Summary (PTO-413)
- Paper No(s)/Mail Date _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 10-21, 23 and 36 are rejected under 35 U.S.C. 102(b) as being anticipated by Root (326,247).

1. As to claims 10-21, 23 and 36, Root discloses an apparatus comprising a pair of left and right foot pedals (L) each having a horizontally oriented foot sole receiving surface **for** standing thereon, the foot pedals being mounted on a frame (A) **for** movement in a back and forth direction along any one of a plurality of reproducible user selectable segments of an arcuate path between forwardmost upward horizontal and rearward most downward horizontal positions, a pair of left and right manually graspable input arms/handles (K) each pivotally interconnected to a respective one of the left and right foot pedals such that the left handle pivots forwardly together with forward and upward movement of the left pedal and backward and downward together with backward movement of the left pedal, and the right handle pivots forwardly together with forward and upward movement of the right pedal and backward and downward together with backward movement of the right pedal wherein the foot pedals are adjustable to move in an arcuate path of selected incline, the input arms are adjustable to move in a pivot path of selected degree of pivot, the pedals and input arms are interconnected to a

pivot mechanism (I,T,S) adjustable to a selected degree of pivot that adjust the arcuate path of the foot pedals and the degree of pivot of the input arms, the arms and pedals are interconnected to a reciprocating mechanism (F) that directs one of the left or right pedals to travel in the back and forth direction while simultaneously directing the other of the left or right pedals to substantially always travel in an opposite direction, the reciprocating mechanism comprises a rotating mechanism having a pair of pivot points (on disk F), disposed at substantially opposing 180 degree positions, interconnected to one of the left or right pedals and arms and the pedals and arms are interconnected to a respective pivot point by a link mechanism (J,H) (see Figs. 1-3 & lines 37-49 and 59-90). Root further discloses that foot pedals pivot or rotate less than about three degrees during movement between the forwardmost and backwardmost positions. As a matter of fact, it does not appear that the pedals pivot at all with respect to the axis defined by the pivot axis, M (see Fig. 1). Root also discloses that each of the foot pedals are mounted on the frame via a four bar linkage mechanism (A, G, I and the combination of J & H) (see Fig. 1).

Response to Arguments

Applicant's arguments filed December 17, 2009 have been fully considered but they are not persuasive.

2. Applicant argues that Root does not disclose foot pedals having a foot sole receiving surface that is horizontally oriented for supporting the user standing vertically upright. Examiner respectfully disagrees with this argument since Root discloses foot pedals (L) that are pivotally connected to levers (G) at pivot (M) wherein the foot pedals

have a sole receiving surface that can be oriented horizontally for supporting a user to stand vertically upright (see Fig. 1). Note, there is nothing in the drawings that would preclude the foot pedals from being rotated to a horizontal orientation. Furthermore, the limitation "for a user standing thereon vertically upright" merely speaks to the intended use of the invention thus it is given minimal consideration and the intended use of the device is not germane to the issue of patentability of the device. Applicant also argues that the foot pedals are mounted for movement in a back and forth direction along an arcuate path between forwardmost upward horizontal and rearwardmost downward horizontal positions. Root clearly discloses that the foot pedals can move between a forwardmost upward horizontal position (at apex of full path of travel of the pedals) and a rearwardmost downward horizontal position (at the rearwardmost position). The apex can be defined as the forwardmost upward horizontal position since any movement of the pedal beyond that point would no longer be an "upward" position. Note, the claim merely discloses that the foot pedals can move back and forth between the above mentioned positions. The claim does not disclose that the pedals must move back and forth between the above mentioned positions during exercise.

Conclusion

3. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to TAM NGUYEN whose telephone number is (571)272-4979. The examiner can normally be reached on Monday - Friday 9-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, LoAn Thanh can be reached on 571-272-4966. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 3764

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

March 26, 2010

/Tam Nguyen/
Examiner, Art Unit 3764

/LoAn H. Thanh/
Supervisory Patent Examiner, Art Unit 3764